

- [7] M. Polemio and O. Petrucci, "Rainfall as a landslide triggering factor: an overview of recent international research," *International Journal of Landslide*, 3, 1219-1226, 2000.
- [8] L. L. Zhang, J. Zhang, L. M. Zhang, and W. H. Tang, "Stability analysis of rainfall-induced slope failure: a review," *Geotech Eng*, 164 (GE5) : 299-316, 2010.
- [9] Y. F. Cui, X. J. Zhou, and C. X. Guo, "Experimental study on the moving characteristics of fine grains in wide grading unconsolidated soil under heavy rainfall," *J Mt Sci*, 14 (3) : 417-431, 2017.
- [10] I. W. Arya, I. W. Wiraga, and I. G. A. G. Suryanegara, "Effect of cement injection on sandy soil slope stability, case study: slope in Petang district, Badung regency," *J. Phys.: Conf. Ser.*, vol. 953 012103, 2017.
- [11] D. Caracciolo, E. Arnone, F. L. Conti, and L. V. Noto, "Exploiting historical rainfall and landslide data in a spatial database for the derivation of critical rainfall thresholds," *Environ. Earth Sci.*, 76, 222, 2017.
- [12] M. Ciurleo, L. Cascini, and M. Calvello, "A comparison of statistical and deterministic methods for shallow landslide susceptibility zoning in clayey soils," *Eng. Geol.*, 223, 71-81, 2017.
- [13] L. Cascini, M. Ciurleo, and S. Di Nocera, "Soil depth reconstruction for the assessment of the susceptibility to shallow landslides in fine-grained slopes," *Landslides*, 14(2), 459-471, June 2016.
- [14] F. Y. Zhang, C. Kang, D. Chan, X. C. Zhang, X. J. Pei, J. B. Peng, "A study of a flow slide with significant entrainment in loses areas in China," *Earth Surf Process Landf*, 42 (14) : 2295-2305, 2017.
- [15] J. Wang, W. Jin, Y-f Cui, W-f Zhang, C-h Wu, and P. Alessandro, "Earthquake-triggered landslides affecting a UNESCO Natural Site: the 2017 Jiuzhaigou Earthquake in the World National Park, China," *J Mt Sci*, 15(7) : 1412-1428, 2018.
- [16] S. Romeo, L. Di Matteo, L. Melelli, C. Cencetti, W. Dragoni, and A. Fredduzzi, "Seismic-induced rockfalls and landslide dam following the October 30, 2016 earthquake in Central Italy," *Landslide*, 14, 1457-1465, 2017.
- [17] C. Qi, J. Qi, L. Li, and J. Liu, "Stability analysis method for rock slope with an irregular shear plane based on interface model," *Advanced in Civil Engineering*, vol. 2018 Article ID 8190908, pp. 1-8, 2018.
- [18] R. V. Silviani, "The analysis of landslide danger and risk in upper Ciliwung watershed and its correlation with spatial management," Thesis, Institut Pertanian Bogor, Bogor, Indonesia, 2013.
- [19] E. W. Brand, "Landslides in Hong Kong caused by the severe rainfall event of 8 May 1992," *Landslide News*, 7, 9-11, 1993.
- [20] E. W. Brand, J. Premchitt, and H. B. Phillipson, "Relationships between rainfall and landslides in Hong Kong," *Proc 4th Symp. on Landslides*, Toronto, 1, 377-384, 1984.
- [21] M. Fukuoka, "Landslides associated with rainfall," *Geotechnical Engineering*, 11, 1-29, 1980.
- [22] B. A. Morgan, G. F. Wiczorek, R. H. Campbell, and P. L. Gori, "Debris-flow hazards in areas affected by the June 27, 1995 storm in Madison County, Virginia," Open File Report: 97-438, 1997.
- [23] W. Fellenius, "Calculation of the stability of earth dams," *Proceedings of the 2nd International Congress on Large Dams*, vol. 4, p. 445, Washington, DC, USA, 1936.
- [24] A. W. Bishop, "The use of the slip circle in the stability analysis of slopes," *Géotechnique*, 5, 1, 7-17, 1955.
- [25] N. R. Morgenstern, and V. E. Price, "The analysis of the stability of general slip surfaces," *Géotechnique*, vol. 15, no. 1, pp. 79-93, 1965.
- [26] E. Spencer, "A method of analysis of the stability of embankments assuming parallel inter-slice forces," *Géotechnique*, vol. 17, no. 1, pp. 11-26, 1967.
- [27] S. K. Sarma, S. K. "Stability analysis of embankments and slopes," *Géotechnique*, 23, no. 3, 423-433, 1973.
- [28] J. M. Duncan, and A. L. Buchignani, "An Engineering Manual for Slope Stability Studies," *Virginia Tech*, Blacksburg, Va, USA, 1987.
- [29] N. Janbu, "Slope stability computations", in *Embankment Dam Engineering*, R. C. Hirschfeld and S. J. P. John, Eds., 47-86, John Wiley & Sons, New York, NY, USA, 1973.
- [30] S. K. Sarma, "Stability analysis of embankments and slopes," *Journal of the Géotechnical Engineering Division*, 105, 12, 1511-1524, 1979.
- [31] Zhao, Yun, Z-Y Tong, and Q Lü, "Slope stability analysis using slice-wise factor of safety," *Mathematical Problems in Engineering*, Volume 2014, pg. 1-6, 2014.
- [32] E. M. Dawson, W. H. Roth, and A. Drescher, "Slope stability analysis by strength reduction," *Géotechnique*, vol. 49, no. 6, pp. 835-840, 1999.
- [33] B. Hu, X. Wang, S. Li, J. Zhao, and N. M. Eugénie, "Stability analysis and confidence level evaluation of backfill mining under high and steep rock slopes," *Advances in Civil Engineering*, 2018 3029796, 1-12, 2018.
- [34] C. Carranza-Torres, and E. Hormazabal, "Computational tools for the determination of factor of safety and location of the critical circular failure surface for slopes in Mohr-Coulomb dry ground," *Slope stability 2018*, Sevilla, Spain, 2018.
- [35] T. D. S. Pereira, A. D. Robaina, M. X. Peiter, F. D. V. A. Braga, R. B. Rosso, "Performance of analysis methods of slope stability for different geotechnical classes soil on earth dams," *Journal of the Brazilian association of agricultural engineering. Eng. Agric. Jaboticabal*, 36, 6, 1027-1036, 2016.
- [36] S. Y. Liu, L. T. Shao, and H. J. Li, "Slope stability analysis using the limit equilibrium method and two finite element methods," *Computers and Geotechnics*, vol. 63, pp. 291-298, 2015.
- [37] Fine Inc, GEO5, "Slope stability analysis software based on the limit equilibrium method," Praha, Czech Republic, 2016.
- [38] Rocscience Inc., SLIDE Version 7, "Slope stability analysis software based on the limit equilibrium method," Toronto, Canada, 2015.
- [39] Geo-Slope Inc., SLOPE/W Version 2012, "Slope stability analysis software based on the limit equilibrium method," Calgary, Canada, 2012.
- [40] K. Terzaghi et. al., *Soil Mechanics In Engineering Practice*, 3rd Edition, New York: John Wiley & Sons, 1996.
- [41] A. W., Skempton, "Discussion: Further data on the c/p ratio in normally consolidated clays," in *Proceedings of the Institution of Civil Engineers*, vol. 7, pp. 305-307, 1957.
- [42] L. Bjerrum, "Embankments on Soft Ground, State-of-the-Art Report," presented at the June 11-14, 1971, in *ASCE Specialty Conference on Performance of Earth and Earth-Supported Structures*, held at Lafayette, Ind., vol. 2, pp. 1-54, 1971.
- [43] R. E. Gibson, "Experimental Determination of the True Cohesion and True Angle of Internal Friction in Clay," in *Proc. 3rd Int. Conf. ISSMFE Zurich*, vol. 1, pp. 126-130, 1953.
- [44] L. D. Wesley, "Shear strength properties of halloysite and allophone clays in Java, Indonesia," *Géotechnique*, 27 (2), 125-136, 1977.
- [45] M. Budhu, *Soil Mechanics Fundamentals*, United Kingdom: John Wiley & Sons, Ltd, 1976.
- [46] A. Kumar, V. George, and S. Marathe, "Stability analysis of lateritic soil embankment sub-grade using plaxis-2D," *International Journal for Research in Civil Engineering*, 2, 1, 1-8, 2016.
- [47] H. Al-Dahasha, and U. Kulatunga, "Challenges facing the controlling stage of the disaster response management resulting from war operations and terrorism in Iraq," *Procedia Engineering*, 212, 863-870, 2018.
- [48] D. E. Alexander, "L'Aquila, central Italy, and the "disaster cycle", 2009-2017", *Disaster Prevention and Management: An International Journal*, 2018.
- [49] G. Yang, Z. Zhong, Y. Zhang, X. Fu, "Optimal design of anchor cables for slope reinforcement based on stress and displacement fields," *Journal of Rock Mechanics and Geotechnical Engineering*, 7, 411-420, 2015.
- [50] M. O. Widyawati, "The analysis of embankment strength for landslide case in Balikpapan Regional Hospital by using ground anchor and soldier pile," Thesis, Civil and Planning Engineering Faculty, Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia, 2017.
- [51] J. J. Ni, A. K. Leung, C. W. W. Ng, and W. Shao, "Modelling hydro-mechanical reinforcements of plants to slope stability," *Computers and Geotechnics*, 95, 99-109, 2018.
- [52] S. Sarkar, J. B. Butcher, T. E. Johnson, and C. M. Clarck, "Simulated sensitivity of urban green infrastructure practices to climate change", *Earth Interact*, 22, 13, 1-37, June 2018.
- [53] N. Tanaka, K. Ogino, "Comparison of reduction of tsunami fluid force and additional force due to impact and accumulation after collision of tsunami-produced driftwood from a coastal forest with houses during the Great East Japan tsunami," *Landsc Ecol Eng.*, 13, 287-304, 2017.
- [54] N. Tanaka, A. Onai, "Mitigation of destructive fluid force on buildings due to trapping of floating debris by coastal forest during the Great East Japan tsunami," *Landsc Ecol Eng*, 13, 131-144, 2017.
- [55] R. Rodriguez, P. Encina, M. Espinosa, N. Tanaka, "Field study on planted forest structures and their role in protecting communities against tsunamis: experiences along the coast of the Biobi'o region, Chile," *Landsc Ecol Eng*, 12, 1-12, 2016.